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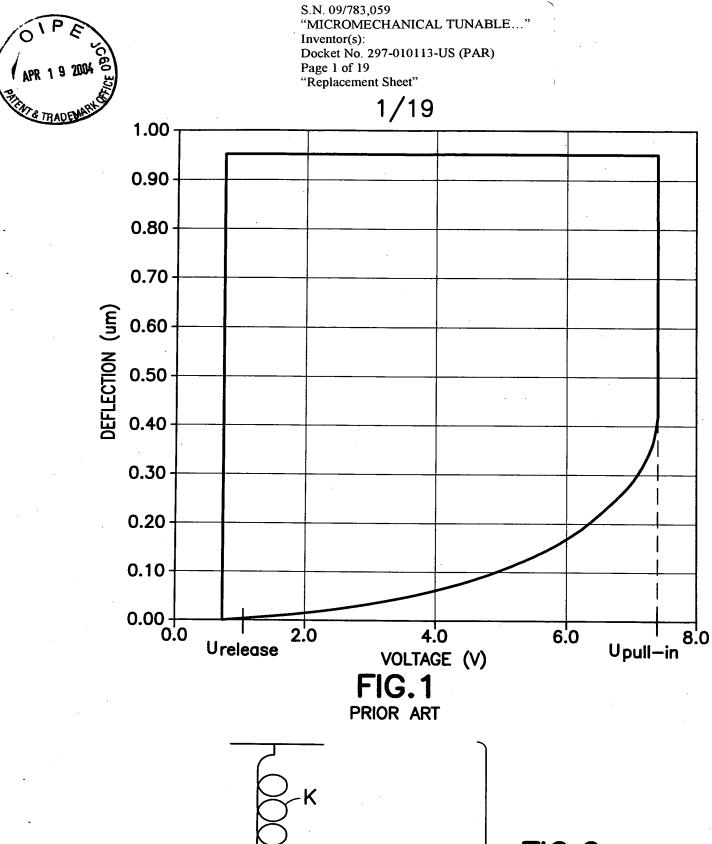
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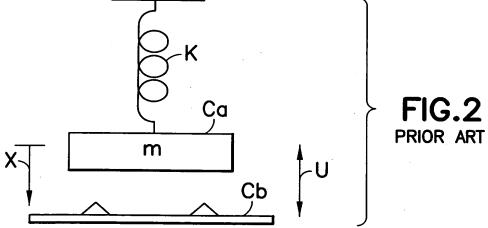
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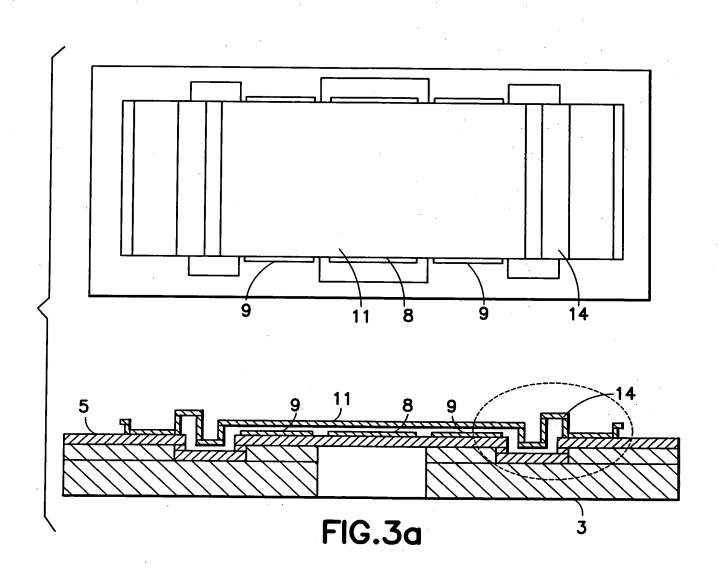
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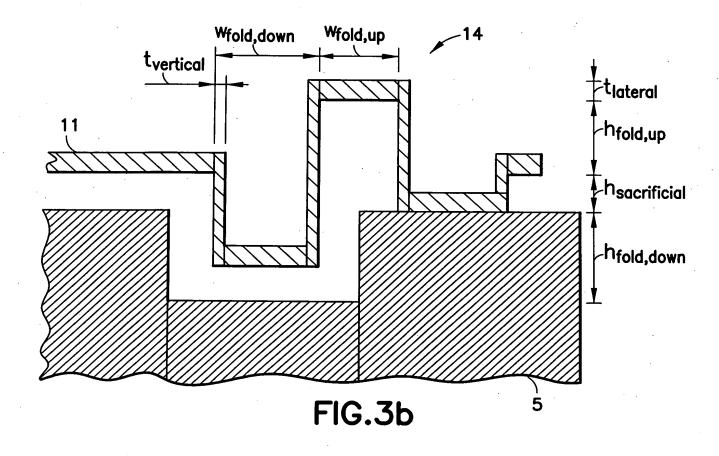


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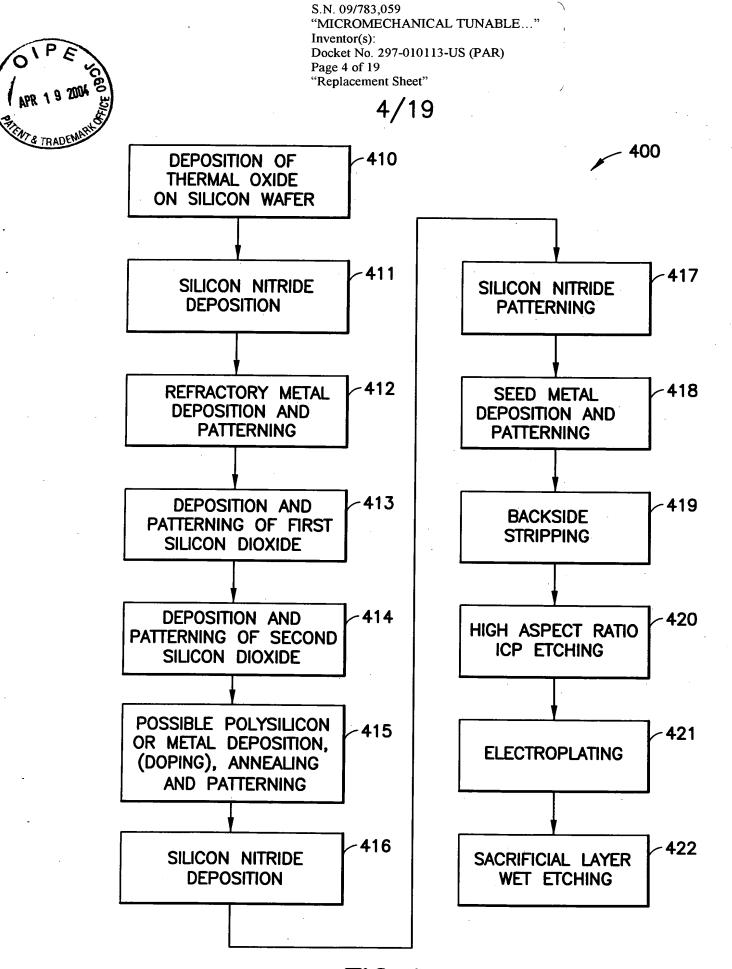
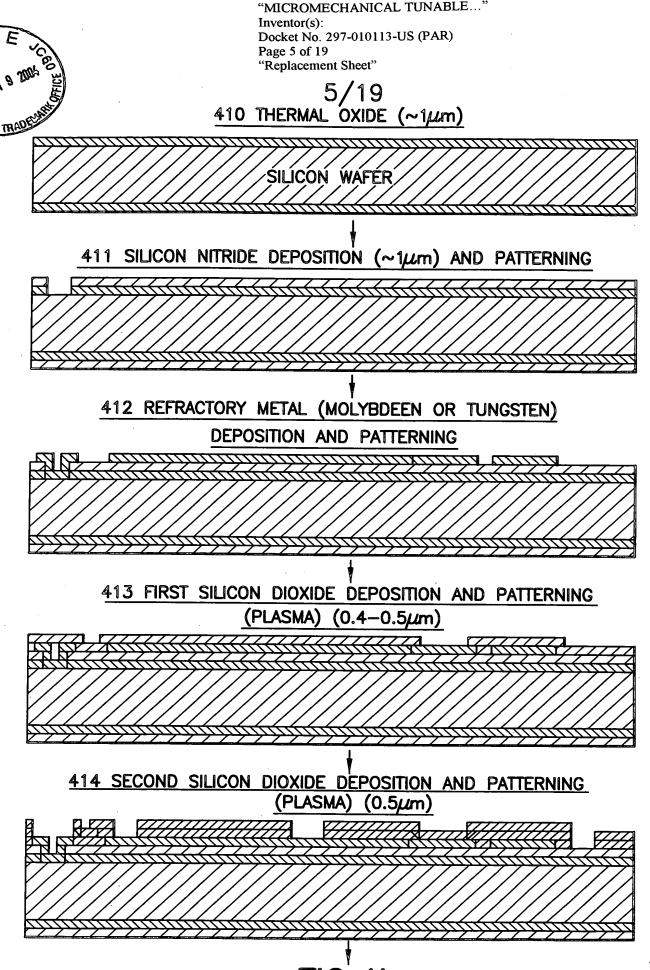


FIG.4a



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FIG.4b

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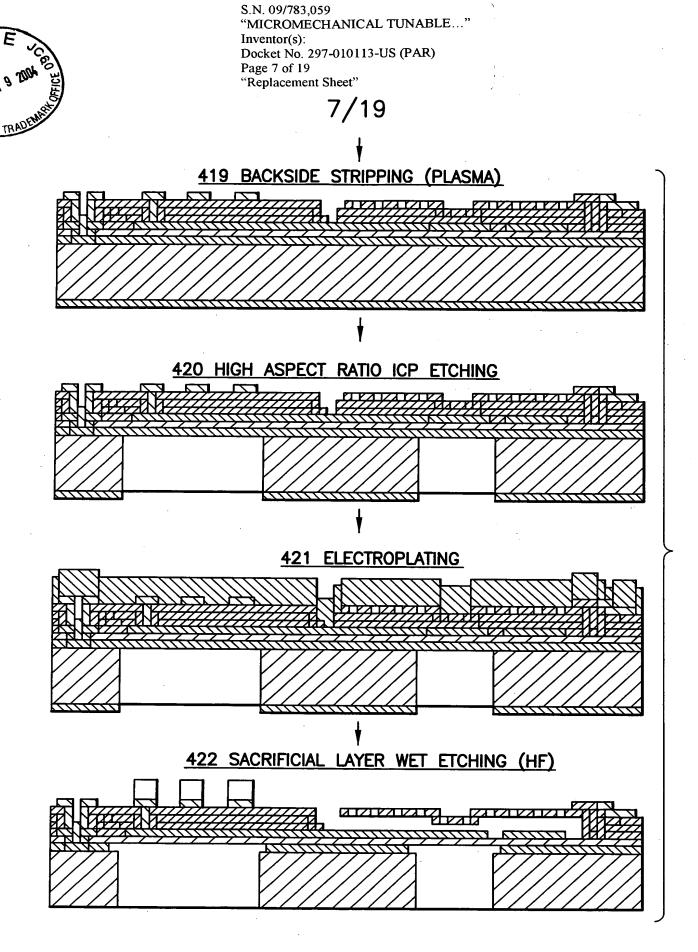


FIG.4d

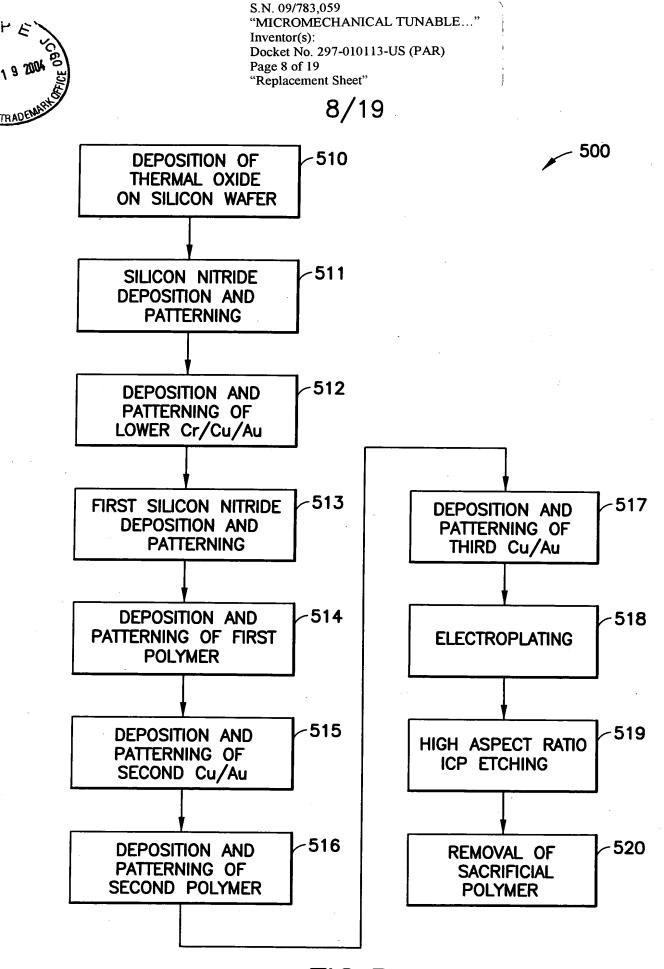


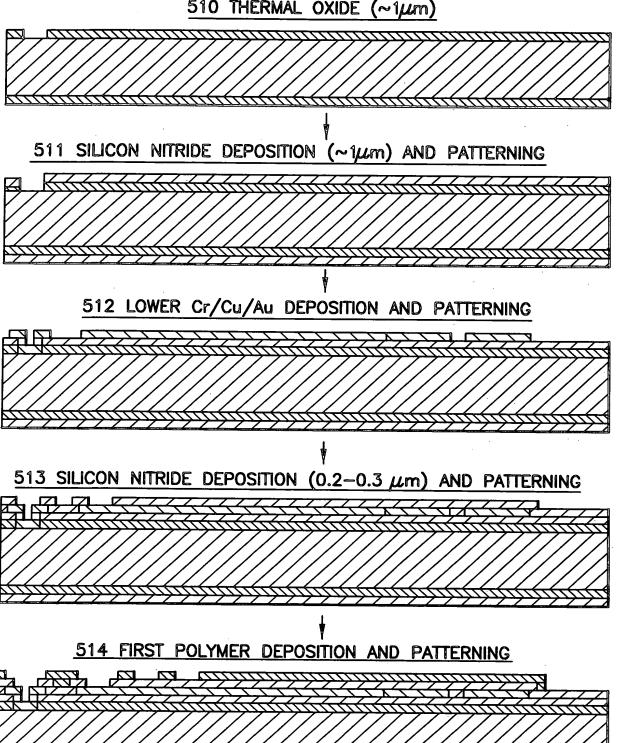
FIG.5a



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510 THERMAL OXIDE (~1µm)

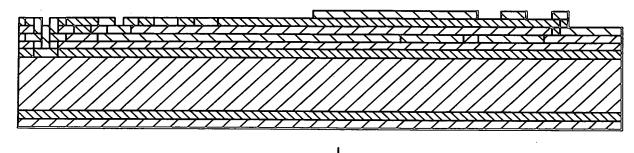




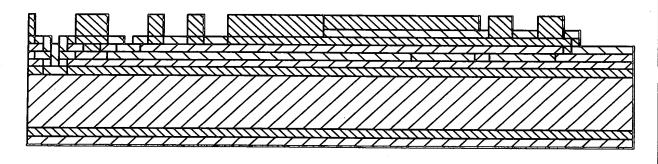
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515 SECOND Cu/Au DEPOSITION AND PATTERNING



516 SECOND POLYMER DEPOSITION AND PATTERNING



517 THIRD Cu/Au DEPOSITION AND PATTERNING

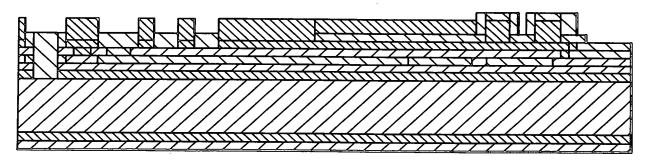


FIG.5c

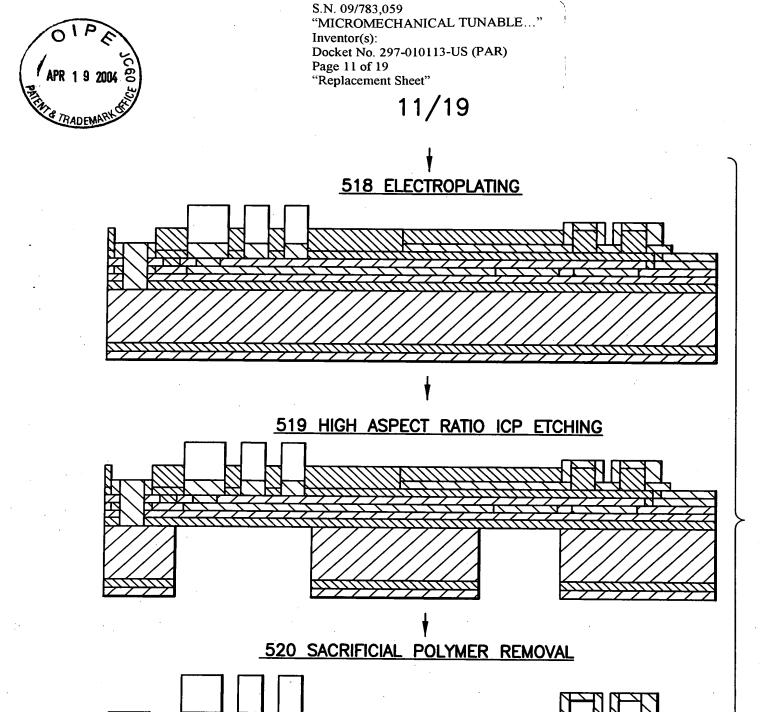
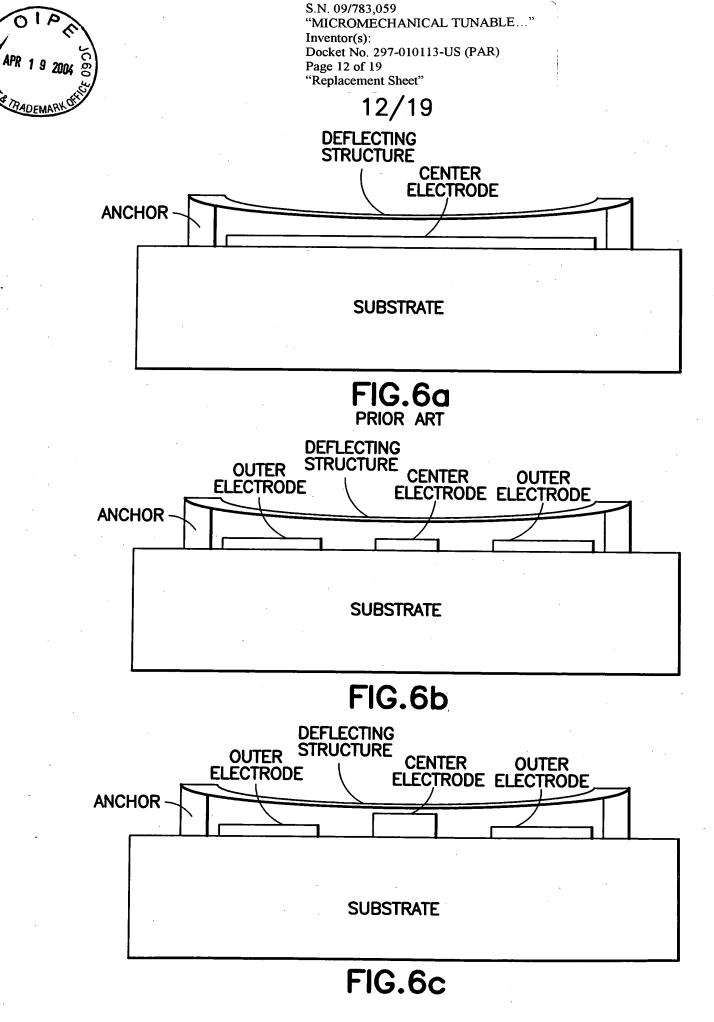
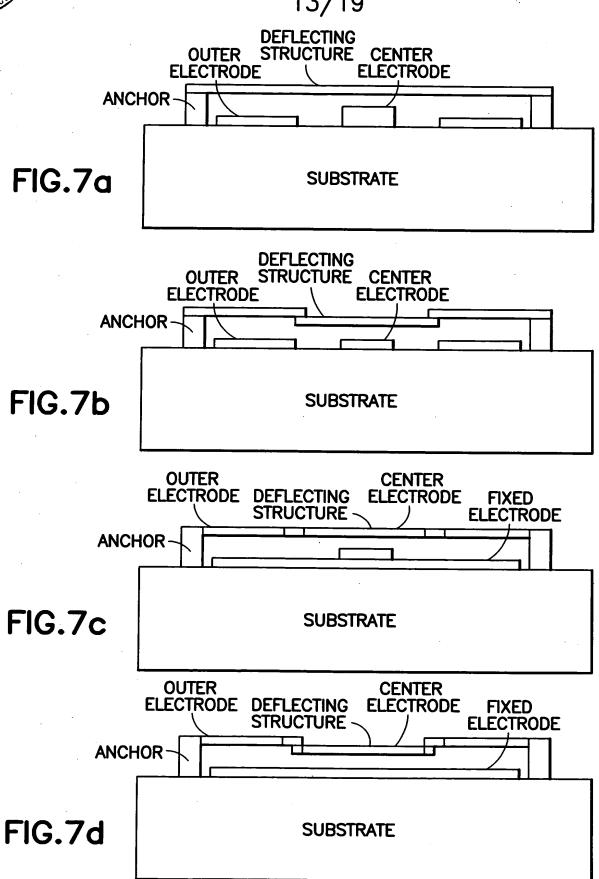


FIG.5d



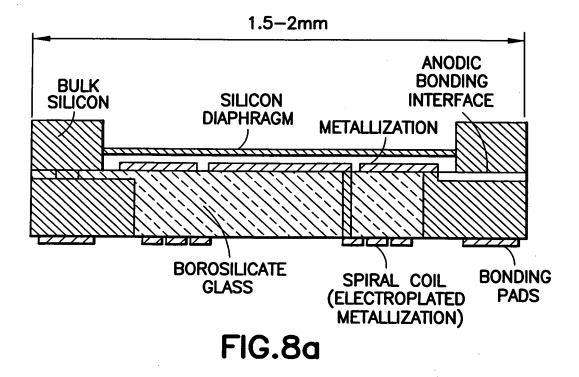


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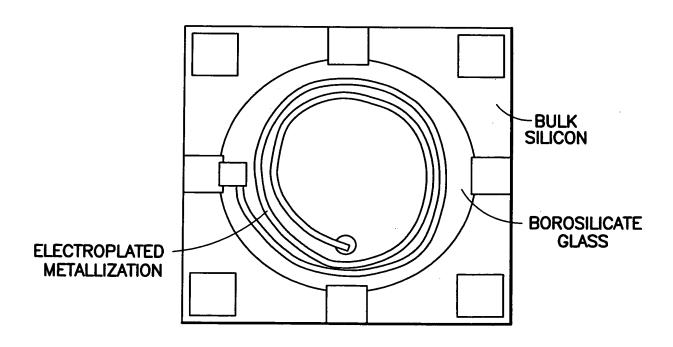


FIG.8b



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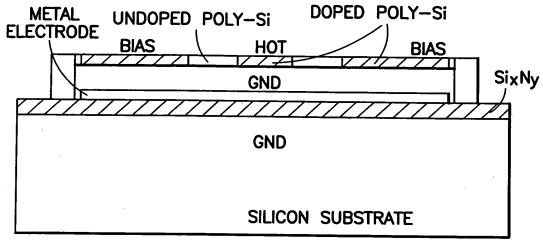


FIG.9

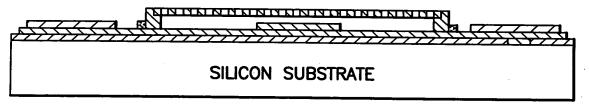


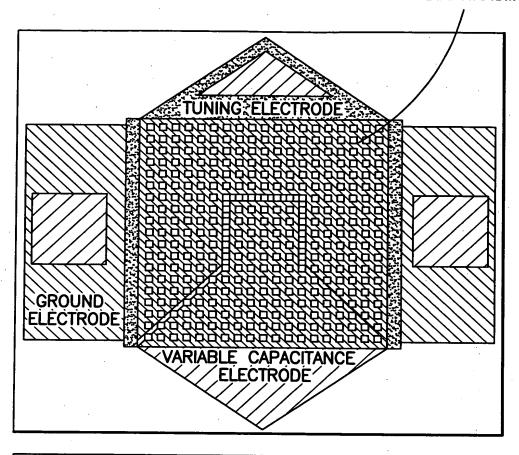
FIG.10b



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PERFORATED DIAPHRAGM



SixNy Mo (OR W)		
PHOSPHORUS (OR BORON) DOPED POLY-Si	UNDOPED POLY-Si	ALUMINIUM (OR Cr/Au)

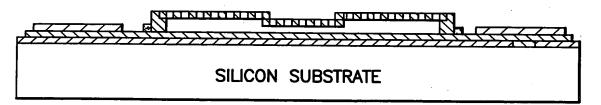
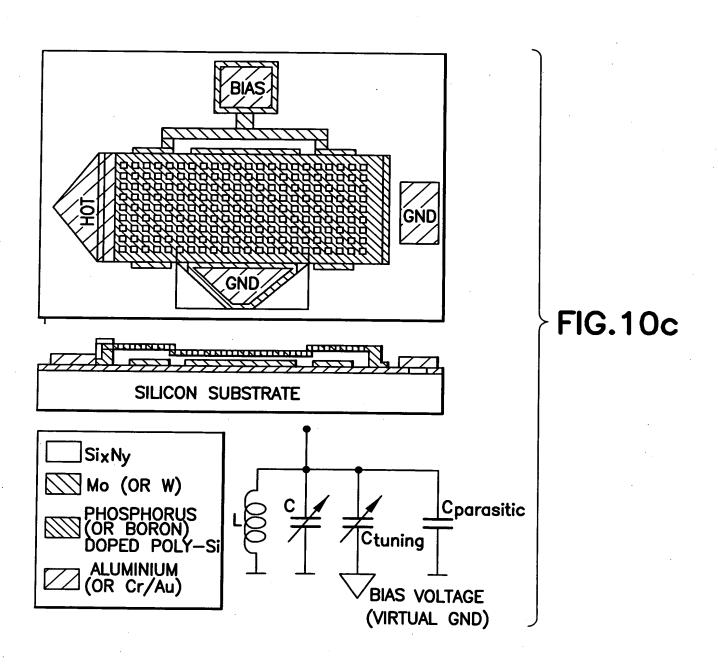


FIG.10a



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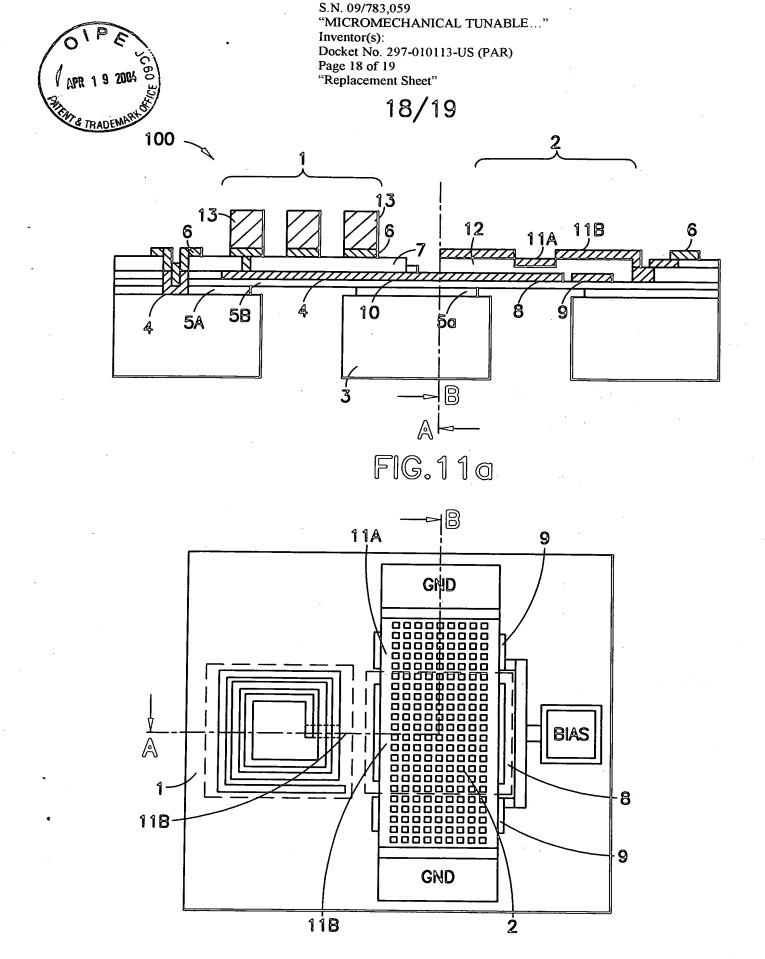


FIG.11b



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